

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An extrusion molding machine, ~~which is characterized by~~
comprising:

a storage bin ~~for supplying to supply~~ a foam material to be molded into a foam
body[[,]];

a cylinder and a screw ~~for mixing to mix~~ and ~~transporting transport~~ the foam material
from the storage bin[[,]];

a mold provided at ~~cylinder~~ a front end[[,]] of the cylinder;

a tank ~~provided with~~ connected to a piping connecting that connects the storage bin
and the screw, and ~~storing~~ the tank stores a foaming fluid for-foaming that foams the ~~above-~~
~~mentioned~~ foam material[[,]]; and

a heater ~~for melting to heat the~~ foam material and ~~at the same time heating~~ the
foaming fluid by a plurality of stages from a base end of the cylinder near the storage bin to
the front end from [[the]] an initial temperature below [[its]] a boiling point of the foaming
fluid to [[the]] a final temperature of its total vaporization at which the foaming fluid is
completely vaporized, wherein

the foaming fluid is water, and

a first stage of the plurality of stages of the heater is set above 60°C and below 100°C,
and a final stage of the plurality of stages is set above 160°C and below 240°C.

2. (Canceled).

3. (Currently Amended) The extrusion molding machine ~~as described in~~ according to
Claim 1 or Claim 2, which is characterized by wherein

the foam material is provided in a form of particles, and
a vibrating mechanism ~~effecting to effect~~ intermittent vibration laterally on ~~[[the]]~~ a
side of the ~~above-mentioned~~ storage bin, ~~with such foam material in particulate state is~~
provided.

4. (Currently Amended) The extrusion molding machine ~~as described in~~ according to
Claim 3, ~~which is characterized by~~ wherein

the vibrating mechanism comprises an electric motor and a cam mounted ~~thereon to~~
~~effect on the electric motor, and~~

the cam effects the vibration of the storage bin by intermittently knocking the side of
the storage bin by the cam driven by in accordance with a drive of the electric motor.

5. (Currently Amended) The extrusion molding machine ~~as described in any one of~~
Claims 1-4 according to Claim 1, which is characterized by wherein

the mold is provided with multiple apertures for extrusion, and

~~with such the multiple apertures are dispersively arranged in equal-shaped so that~~
triangles ~~formed~~ defined by three neighboring apertures of the multiple apertures assume an
equal shape.

6 (Currently Amended) The extrusion molding machine ~~as described in~~ according to
Claim 5, ~~which is characterized by such~~ wherein

the multiple apertures [[in]] have a circular shape, and

a diameter of the multiple apertures is 1.8 mm-2.2 mm in diameter.

7. (Currently Amended) The extrusion molding machine ~~as described in any one of Claims 1-6 according to Claim 1, which is characterized by further comprising:~~

a temperature control device ~~to adjust the~~ that adjusts a temperature of the mold in the
a range of 160°C-220°C.

8. (Currently Amended) ~~[[The]] An~~ extrusion molding machine, ~~as described in any one of Claims 1-7, which is characterized by comprising:~~

a storage bin to supply a foam material to be molded into a foam body;

a cylinder and a screw to mix and transport the foam material from the storage bin;

a shearing device ~~in place of the above mentioned mold~~, set up at one side of the
~~above mentioned~~ cylinder, rotating at a certain speed to cut ~~[[the]]~~ an extruded foam body
from the cylinder;

a tank connected to a piping that connects the storage bin and the screw, and the tank
stores a foaming fluid that foams the foam material; and

a heater to heat the foam material and the foaming fluid by a plurality of stages from a
base end of the cylinder near the storage bin to the front end from an initial temperature
below a boiling point of the foaming fluid to a final temperature at which the foaming fluid is
completely vaporized, wherein

the foaming fluid is water, and

a first stage of the plurality of stages of the heater is set above 60°C and below 100°C,
and a final stage of the plurality of stages is set above 160°C and below 240°C.